

ID	MOLENAME	BIOACTIVITY	SOURCE
00100439	1 (2)alpha-EPOXYDEOXYDIHYDROGEDUNIN		Meliaceae spp
00100223	1,2alpha-EPOXYDEACETOXYDIHYDROGEDUNIN		Meliaceae spp
00100355	1,3-DIDEACETYL-7-DEACETOXY-7-OXOKHIVORIN		Meliaceae spp
00212126	1,3-DIDEACETYLDEOXYKHIVORIN		Meliaceae spp
00211473	1,4,5,8-TETRAHYDROXY-2,6-DIMETHYLANTHROQUINONE		Phoma terrestris and Curvularia lunata
00100358	1,7-DIDEACETOXY-1,7-DIOXO-3-DEACETYLKHIVORIN		Meliaceae spp
00100002	11alpha-ACETOXYKHIVORIN		Khaya madagascariensis
00307045	11-OXOURSOLIC ACID ACETATE		Bursera delpechiana
00202175	12a-HYDROXY-5-DEOXYDEHYDROMUNDUSERONE		derivative
00200004	12a-HYDROXY-9-DEMETHYLMUNDUSERONE-8-CARBOXYLIC		derivative
00100604	13-METHYL-4,4-BISNOR-8,11,13-PODOCARPATRIEN-3-ONE		semisynthetic
00100648	14-METHOXY-4,4-BISNOR-4,8,11,13-PODOCARPATETRAEN-3-		semisynthetic
00300166	15-NORCARYOPHYLLEN-3-ONE		derivative
01500989	18alpha-GLYCYRRHETINIC ACID	antiinflammatory	epimer of aglycone Glycyrrhiza glabra
01504234	18-AMINOABIETA-8,11,13-TRIENE SULFATE		derivative of abietic acid
00100280	19-HYDROXYTOTAROL		Podocarpus spp
02300329	1-METHYLXANTHINE	diuretic, adenosine antagonist	major component of human urine
01501009	1R,9S-HYDRASTINE	uterine hemostatic, antiseptic	Hydrastis canadensis
01500156	1R-CAMPHOR	analgesic, antiinfective, antipruritic	Cinnamomum camphora
01500687	1S,9R-HYDRASTINE	antihypertensive, sedative, antibacterial	Corydalis spp
00201506	2',2'-BISEPIGALLOLOCATECHIN MONOGALLATE		black tea constituent
00200424	2,3,4-TRIHIDROXY-4'-ETHOXYBENZOPHENONE		semisynthetic
00100290	2,3-DIHYDROISOGEDUNIN		Meliaceae spp
00200425	2,3-DIHYDROXY-4-METHOXY-4'-ETHOXYBENZOPHENONE		derivative
00200258	2',4'-DIHYDROXYCHALCONE 4'-GLUCOSIDE	anthelmintic & antiulcerogenic	aglycone Flamingia chappar, Acacia neovernicosa
01600025	2,6-DIHYDROXY-4-METHOXYTOLUENE		synthetic
00200413	2,6-DIMETHOXYQUINONE	antibacterial, induces dermatitis, mutagen	Picrasmus & Ailanthus spp
00200123	2',beta-DIHYDROXYCHALCONE		Primula pulverulenta.
00240422	2-ACETYLPYRROLE	hepatoprotectant, organoleptic	Valeriana officinalis, Camellia thea, Paeonia moutan, Lycium chinense ,Streptomyces A-5071
00300119	2-HYDROXY-5 (6)EPOXY-TETRAHYDROCARYOPHYLLENE		derivative
00240651	2-HYDROXYXANTHONE		Mammer and Kiemeyera spp
00240497	2-ISOPRENYL-3-HYDROXY-5-METHYL-a-PYRONE		synthetic
00100756	2-ISOPROPYL-3-METHOXYCINNAMIC ACID		derivative
00300111	2-METHOXY-5 (6)EPOXY-TETRAHYDROCARYOPHYLLENE		derivative
00201310	2'-METHOXYFORMONETIN		Eschscholtzia californica
00211066	2-METHOXYRESORCINOL		Peltophorum africanum
00100599	2-METHYL GRAMINE		derivative
00300104	2-METHYLENE-5-(2,5-DIOXOTETRAHYDROFURAN-3-YL)-6-		derivative
00100359	3,16-DIDEOXYMEXICANOLIDE-3beta-DIOL		derivative
00240429	3,4-DIDESMETHYL-5-DESHYDROXY-3'-ETHOXYSCLEROIIN		synthetic
01505274	3,4-DIHYDROXYCARANE		derivative
00240828	3,4-DIMETHOXYDALBERGIONE	induces dermatitis	Dalbergia spp, Machaerium spp
01500735	3',4'-DIMETHOXYFLAVONE		Primula officinalis
01500736	3,6-DIMETHOXYFLAVONE		semisynthetic
01504130	3,7-DIHYDROXYFLAVONE		Platymiscium praecox
01500737	3,7-DIMETHOXYFLAVONE		Pongamia pinnata
00300118	3,7-EPOXYCARYOPHYLLAN-6-OL		derivative Lippia spp
00300132	3,7-EPOXYCARYOPHYLLAN-6-ONE		derivative Lippia spp
00100114	3alpha-HYDROXY-3-DEOXYANGOLENSIC ACID METHYL		Meliaceae spp
00100190	3-alpha-HYDROXYDEOXYGEDININ		Meliaceae spp
00300106	3-AMINO-beta-PINENE		derivative
00100651	3beta-ACETOXYDEOXYANGOLENSIC ACID, METHYL ESTER		Meliaceae spp
00102035	3beta-HYDROXYDEOXODIHYDRODEOXYGEDUNIN		Meliaceae spp
00100901	3beta-HYDROXYDEOXYDESACETOXY-7-OXOGEDUNIN		Meliaceae spp
00100305	3beta-HYDROXYISOALLOSPIROST-9(11)-ENE		semisynthetic
00100201	3-DEOXO-3beta-ACETOXYDEOXYDIHYDROGEDUNIN		Meliaceae spp
00100222	3-DEOXO-3beta-HYDROXYMEXICANOLIDE 16-ENOL ETHER		derivative
00100096	3-DEOXY-3beta-HYDROXYANGOLENSIC ACID METHYL		Meliaceae spp
01504036	3-DESHYDROXYSAPPANOL TRIMETHYL ETHER		derivative

01505278	3-HYDROXY-3',4'-DIMETHOXYFLAVONE		synthetic
00307033	3-HYDROXY-4-(SUCCIN-2-YL)-CARYOLANE delta-LACTONE		derivative of caryophyllene
00211538	3-HYDROXYCOUMARIN		Alyxia lucida
01501012	3-HYDROXYFLAVONE		cabbage
01600919	3-METHOXYCATECHOL		Machaerium kuhlmanni
00200640	3-METHYLORSELLINIC ACID		Aspergillus terreus
00300110	3-NOR-3-OXOPANASINSAN-6-OL		derivative Panax ginseng
00307047	3-OXOURSAN (28-13)OLIDE		semisynthetic
00300160	3-PINANONE OXIME		derivative
00240740	4-ACETOXYPHENOL	antioxidant	Ferulago aucheri, Salvia yosgadensis
01600759	4-HYDROXY-6-METHYLPYRAN-2-ONE		Penicillium stipitatum
00200407	4'-HYDROXYCHALCONE		Shorea robusta aglycone
00211475	4'-METHOXYCHALCONE		Citrus limon
00201092	4-METHOXYDALBERGIONE		Dalbergia retusa and D. nigra
00240958	4'-METHOXYFLAVONE		Sapindus saponaria.
01500729	4-METHYLESCULETIN		analog of esculetin
00240565	5,7-DIHYDROXYISOFLAVONE		Arachis hypogaea & Derris spp
00240576	5,7-DIMETHOXYISOFLAVONE		Cordyla africana, Arachis hypogaea
00270083	5alpha-CHOLESTAN-3beta-OL-6-ONE		Mandevilla pentlandiana
00300049	5-HYDROXYIMINOISOCARYOPHYLLENE		derivative
01504132	6,3'-DIMETHOXYFLAVONE		Pimelia decora
01500741	6,4'-DIMETHOXYFLAVONE		derivative Cassia spectabilis
00100056	6-ACETOXYANGOLENSIC ACID METHYL ESTER		Meliaceae spp
00100058	6-HYDROXYANGOLENSIC ACID METHYL ESTER		Meliaceae spp
00201315	7,8-DIHYDROXYFLAVONE	vascular protectant, antihemorrhagic	Godmania aesculifolia
00100638	7beta-HYDROXY-7-DESACETOXYKHIVORINIC ACID, METHYL		derivative
00100048	7-DEACETOXY-7-OXOKHIVORIN		Khaya senegalensis and other Meliaceae; mp 225
00100014	7-DEACETYLKHIVORIN		Khaya species and other West African timbers
00100146	7-DESACETOXY-6,7-DEHYDROGEDUNIN		derivative of gedunin
01502023	7-OXOCALLITRISIC ACID, METHYL ESTER		Juniperus chinensis
00307035	7-OXOCOLESTERYL ACETATE		Cliona copiosa
00300060	8-HYDROXY-15,16-BISNOR-11-LABDEN-13-ONE		derivative
00100129	8-HYDROXYCARAPINIC ACID		Meliaceae spp
00240567	8-IODOCATECHIN TETRAMETHYL ETHER		derivative
01502229	ABIETIC ACID		common diterpene acid in conifers
01502236	ABRINE (L)	insecticide, antiinflammatory, antiophthalmic	Abrus pectorius
01502234	ABSCISIC ACID (cis,trans; +/-)	abscission-accelarant	synthetic
00200833	ACACETIN DIACETATE		derivative of acacetin
00300610	ACETOSYRINGONE	insect attractant, plant hormone	several commercial woods
00210746	ACETYL ISOALLOGAMBOGIC ACID		derivative (structure tentative)
00300549	ACETYL ISOGAMBOGIC ACID		derivative
00310001	ACONITIC ACID		Aconitum and Achillea spp
01500655	ACONITINE	anesthetic (gastric), antipyretic, and cardiotoxin	Aconitum spp
01500807	ADENINE	Vitamin B4	widespread in nature
01500107	ADENOSINE	antiarrhythmic, cardiac depressant	widespread in living tissue
01500667	ADENOSINE PHOSPHATE	vasodilator, neuromodulator	widespread in living tissue
00310002	ADONITOL		Adonis spp
01500274	ADRENALINE BITARTRATE	adrenergic agonist, bronchodilator, antiglaucoma agent	Portulaca grandiflora
01500901	AESCULIN	antiinflammatory	Aesculus hippocastanum, Fraxinus spp
00300010	AGELASINE (stereochemistry of diterpene unknown)	cytotoxic, antineoplastic	Agelas dispar
01503982	AGMATINE SULFATE	NMDA blocker, alpha-2 adrenergic agonist; NO synthase inhibitor	Ambrosia entemifolia
01500656	AJMALINE	antiarrhythmic (Class Ia): inhibits glucose uptake by mitochondria, & PAF blocker	Rauwolfia spp., Melodinus balansae, Tonduzia longifolia
00200022	AKLAVINE HYDROCHLORIDE	antibacterial, antineoplastic	Actinomyces spp
00210850	ALIZARIN	antimutagen	Rubia tinctorum
01500801	ALLANTOIN	wound healing agent	allantoic fluid; widely distributed in plants
00270051	ALLODEOXYCHOLIC ACID		rabbit bile & feces
00100303	ALLOPREGNANOLONE		semisynthetic
01503427	ALOIN	cathartic, laxative	aloe
00100375	alpha-DIHYDROGEDUNOL		derivative
00270049	alpha-HYDEOXYCHOLIC ACID		pig bile

01504015	alpha-MANGOSTIN		Garcinia mangostana
00310039	alpha-TOCHOPHEROL	vitamin E	soya, wheat germ and other plant oils
00310040	alpha-TOCHOPHERYL ACETATE	vitamin E	derivative
00100530	AMBELLINE	immune stimulant, cytotoxic	Crinum glaucum, Brusiwigia rosea, Amaryllis belladonna
01502244	AMYGDALIN	antiinflammatory, experimental antineoplastic	Rosaceae spp
01504156	ANABASAMINE HYDROCHLORIDE		Anabasis aphylla
00310004	ANABASINE HYDROCHLORIDE	insecticide	Anabasis aphylla & Nicotiana spp
00300532	ANDROGRAPHOLIDE		Adrographis peniculata
00100054	ANGOLENSIC ACID, METHYL ESTER		Entandrophragma angolense
00100616	ANGOLENSIN (R)		Pterocarpus erinaceus
00200457	ANHYDROBRAZILIC ACID		derivative
00300047	ANISODAMINE	anticholinergic, antispasmodic	Scopolia tanguticus
01503906	ANISOMYCIN	antiprotozoal, antifungal, protein synthesis inhibitor	Streptomyces griseolus
00100005	ANTHOTHECOL		also as 11-ACETOXYCEDRELONE
01504155	APHYLLIC ACID		Anabasis aphylla
00200846	APIGENIN	antispasmodic, antineoplastic, topoisomerase I inhibitor	parsley seed
00200502	APIGENIN TRIACETATE		derivative
00350025	APIIN		parsley seed; flowers of Anthemis nobilis. 80% + other glycosides
00211539	ARABITOL(D)		Lecanora sordida & other lichen & fungi
00300539	ARBUTIN		Berginia crassifolia; also in Pyrus and Vaccinium spp.
01500706	ARCAINE SULFATE		Arca noae
01500680	ARECOLINE HYDROBROMIDE	anthelmintic (Cestodes), hypotensive, cathartic	betel nuts (Arica catechu)
01503042	ARTEMISININ	antimalarial	Artemisia annua
00240942	ARTHONIOIC ACID		Arthonia impolita
01504180	ASARININ (-)	antibacterial (tuberculostatic)	Asarum & Xanthoxylum spp
00200208	ASARYLALDEHYDE	fly attractant	Daucus carota, Acorus calamus, Asarum europaeum
01502230	ASCORBIC ACID	antiscorbutic, antiviral	Vitamin C
01502117	ATRACYLOSIDE POTASSIUM	oxidative phosphorylation inhibitor	Atractylis gummifera
00200034	ATRANORIN		Common lichen metabolite
01500131	ATROPINE	anticholinergic, mydriatic	Atropa and Datura spp
01505806	AVOCADANOFURAN		Persea spp
00240560	AVOCADENE ACETATE	antifungal, plant growth inhibitor	avocado seeds
01505807	AVOCADENOFURAN		Persea spp
00240929	AVOCADYNE ACETATE	antifungal	Persea spp
01505808	AVOCADYNOFURAN		Persea spp and Elodia canadensis
01505235	AVOCADYNONE ACETATE	antibacterial, antifungal	Persia spp
00210025	AVOCATIN A	antibacterial, antifungal	Persea spp
00211552	AVOCATIN B	antibacterial, antifungal	Persea spp
01503802	AZADIRACHTIN	antifeedant, insecticide	Melia azadirach and Azadirachta indica
01500648	AZELAIC ACID	antiacne, antiproliferative agent	rancid fats and Lycopodium spp
01505218	BAEOMYCESIC ACID		Baeomyces spp.
01504002	BAICALEIN	antiviral (HIV)	Scutellaria baicalensis
01503983	BATYL ALCOHOL		fish oils
01500812	BEKANAMYCIN SULFATE	antibacterial	semisynthetic
01503006	BENZYL ISOTHIOCYANATE	antineoplastic, antibacterial, antifungal	Tropaeolum majus, Lepidium sativum and other Cruciferae
01501019	BERBAMINE HYDROCHLORIDE	antihypertensive, skeletal muscle relaxant	Berberis spp
01500811	BERBERINE CHLORIDE	antiarrhythmic, alpha2 agonist, cholinesterase, anticonvulsant, antiinflammatory, antibacterial,	Berberis and Mahonia spp
00300546	BERGAPTEN	antipsoriatic, antiinflammatory	widespread in Umbelliferae
01500819	BERGENIN		Bergenia spp.
00100360	beta-AMYRIN		widespread in plants
00100552	beta-AMYRIN ACETATE		latof various species of rubber tree
01500143	beta-CAROTENE	provitamin A	provitamin A; widespread in plants and animals
00300105	beta-CARYOPHYLLENE ALCOHOL		palmarosa oil, Cymbopogon martini
00100492	beta-DIHYDROGEDUNOL		Meliaceae spp
01504030	beta-ESCIN	membrane permeabilizer	principal saponin Aesculus hippocastanum
01503007	BETAINE HYDROCHLORIDE	antiarteriosclerotic, hypolipaeic, hepatoprotectant	widespread in fungi and plants
01504739	beta-PELTATIN	antineoplastic, cytotoxic	Podophyllum spp
00107022	beta-SITOSTEROL		widespread in plants
01500815	BETULIN		Betula spp
01504081	BETULINIC ACID	antineoplastic	Betula spp.

01500857	BILIRUBIN		pigment mamalian gallstones, blood and urine
10100003	BIOCHANIN A	phytoestrogen	widely distributed in Leguminosae
00300601	BIOCHANIN A DIACETATE		derivative
01505282	BIOCHANIN A, DIMETHYL ETHER		Ouratea hexasperma
01503009	BIOTIN	vitamin B complex	Vitamin B complex
00307057	BISABOLOL	antiinflammatory, antiulcer, antiseptic, antitubercular	Abies, Pinaceae and related species
01500862	BOLDINE		Peumus boldus
01504206	BOVINOCIDIN (3-nitropropionic acid)	antineoplastic	Aspergillus, Streptomyces spp & other microorganisms
00200463	BRAZILEIN		Caesalpinia spp
00200012	BRAZILIN		Haematoxylin campechianum
01500822	BRUCINE	central stimulant	Strychnos nux-vomica
00200099	BUDDLEOFLAVONOLOSIDE		Lunaria spp.
00100006	BUSSEIN		Entandrophragma species
01800172	BYSSOCHLAMIC ACID		Byssoschlamys spp.
01502227	CADAVERINE TARTRATE		putrifaction of lysine; secrtrion of the fox Vulpes vulpes
00300055	CADIN-4-EN-10-OL		Chamaecyparis spp and Juniperus spp.
01503986	CAFESTOL ACETATE		coffee bean oil
01503987	CAFFEIC ACID		widespread in plants
01500155	CAFFEINE	CNS stimulant	Cofea, Theobroma, Camelia and Cola spp
01502232	CAMPTOTHECIN	antineoplastic	Camptotheca acuminata
01500833	CANAVANINE	NO synthase inhibitor	Canavalia ensiformis
00240927	CAPERATIC ACID	antibacterial (tuberculostatic)	lichens: Parmelia, Mycoblastus, Nephromopsis spp
01505276	CAPSANTHIN	antineoplastic	Capsicum annum
00100008	CARAPIN		Carapa and Cedrela species; mp 180-185
00100102	CARAPIN-8 (9)-ENE		Carapa and Cedrela species
01500817	CARMINIC ACID		Dactylopius coccus (cochineal)
01500624	CARNITINE HYDROCHLORIDE	antihyperlipoproteinemic, gastric/ pancreatic secretion stimulant	striated muscle, liver; also in Pisum sativum
01500944	CARNOSINE		mammalian skeletal muscle
01500832	CARYLOPHYLLENE OXIDE		constituent of clove, cinnamon and many other oils
00210220	CATECHIN TETRAMETHYLETHER		derivative
00290030	CEAROIN		Dalbergia spp
00100009	CEDRELONE		Cedrela species
00310015	CEDRYL ACETATE		semisynthetic
01502231	CELLOBIOSE (D[+])		enzymatic hydrolysis of cellulose
01504003	CENTAUREIN		Centaurea jacea
01500826	CEPHALOTAXINE		Cephalotaxus drupacea and C. fortunei
01505322	CEPHARANTHINE	antineoplastic, hepatoprotectant, radioprotective	Stephania spp
01503815	CEVADINE	antihypertensive	Veratrum alba; contains 20% veratridine
00310016	CHAULMOGRIC ACID	antibacterial (mycobacteria)	Hydnocarpus and Oncola spp
01500837	CHENODIOL	anticholithogenic, antilipemic agent	human bile
00210800	CHLOROGENIC ACID	antioxidant, free radical scavenger	occurrence in many plants
01500849	CHOLEST-5-EN-3-ONE		derivative; mp 79-80 C
00270090	CHOLESTAN-3beta,5alpha,6beta-TRIOL		Pteroeides esperi
01500852	CHOLESTANONE		mammalian tissue
01500847	CHOLESTEROL		common animal sterol
00307031	CHOLESTERYL ACETATE		animal tissue; derivative
01500840	CHOLIC ACID		mammalian bile
01500904	CHOLIC ACID, METHYL ESTER		acid as primary bile constituent
01504059	CHRYSANTHELLIN A		saponin (sugar sequences tentative)
01504800	CHRYSANTHEMIC ACID	esters as insecticide	esters as constituent of pyrethrum flowers
00310019	CHRYSANTHEMIC ACID, ETHYL ESTER	insecticide	constituent of pyrethrum flowers
00300566	CHRYSANTHEMYL ALCOHOL		reduction product of pyrethrin constituent
01500709	CHRYSIN	diuretic	Pinus, Scutellaria, and Ulinus spp
00300545	CHRYSOPHANOL		Cassia and Rumex spp
00100615	CHUKRASIN METHYL ETHER		semisynthetic
00210205	CIANIDANOL	hepatoprotectant	(+) catechin; tea and cocoa constituent
01500839	CINCHONIDINE	antimalarial	Cinchona spp
01500841	CINCHONINE	antimalarial	Cinchona spp
00210186	CITRININ	antibacterial	Penicillium citrinum
01500707	CITROPTEN	photosensitizing agent	constituent of Bergamot oil

01500855	CITRULLINE		Citrullis vulgaris and the alga Grateloupia filicina
00300133	CLOVANEDIOL DIACETATE		derivative Dipterocarpus pilosus, Salvia canariensis, Viguiera oaxacana, Sindora sumatrana
01800067	COLCHICEINE	antimitotic	Colchicum autumnale
01500205	COLCHICINE	antimitotic, antitumor agent	Colchicum autumnale
01503804	COLFORSIN	adenylate cyclase activator, antiglaucoma, hypotensive, vasodilator	Coleus forskohlii; HL-362; L-75-1362B
01601000	COMPACTIN	antihyperlipidemic, HMGCoA reductase inhibitor	Penicillium brevicompactum
01503990	CONESSINE		Holarrhena spp
01503992	CONIFERYL ALCOHOL		lignan product; common in plants as glycosides
01503993	CONIINE		Conium maculatum, Arum maculatum, Aethusa cynapium, Arisarum vulgare, Amorphophallus
01503994	CONVALLATOXIN	cardiotonic	Convallaria majalis
01500861	CORALYNE CHLORIDE	cytostatic, intercalating agent	semisynthetic
01701028	CORTISONE	antiinflammatory, glucocorticoid	adrenal cortical hormone
01500876	CORYNANTHINE		bark of Pseudocinchona africana Chev.
01504037	COSMOSIIN HEXAACETATE		derivative
00100595	COTARNINE CHLORIDE		Papaver pseudo-orientale
01500208	COTININE	antidepressant	Nicotiana tabacum
01400208	COUMARIN	antineoplastic, antiinflammatory, antihyperglycaemic	Coumarouna odorata, tonka beans, lavender oil
00210568	COUMARINIC ACID METHYL ETHER		aglycone Melilotus alba, Dipteryx odorata
00300037	CRASSIN ACETATE	antiviral	constituent of numerous gorgonids; mp 123-125 C
01600300	CREATININE	metabolic enhancer	metabolite in muscle and urine; renal metabolite
00100525	CRINAMINE	antihypertensive, respiratory depressant, antineoplastic	Crineum species
01504228	CRUSTEDYSONE	insect molting hormone	silkworm moth Bombyx mori & the plant Achyranthes fauriei
01505345	CURCUMIN	antiedemic, antiinflammatory, bile stimulant; antibacterial, antifungal, lipo/cyclooxygenase	Curcuma spp
00500123	CYCLOVERATRYLENE		Halopythys spp
00100698	CYMARIN		Apocynum, Adonis & Strophanthus spp.
01503431	CYTIDINE		nucleoside
01504027	CYTISINE	antiinflammatory, respiratory stimulant	Thermopsis lanceolata
00501000	d,l-threo-3-HYDROXYASPARTIC ACID	L-aspartate beta-carboxylase inhibitor	Streptomyces spp, Arthrinium phaeospermum, Dactylosporangium aurantiacum
00200789	DAIDZEIN	phytoestrogen	red clover
00201281	DALBERGIONE		Dalbergia spp
00200798	DALBERGIONE, 4-METHOXY-4'-HYDROXY-		Dalbergia spp
00100447	DEACETOXY(7)-7-OXOKHIVORINIC ACID		derivative
00100423	DEACETOXY-7-OXISOGEDUNIN		Meliaceae spp
00100047	DEACETOXY-7-OXOGEDUNIN		Meliaceae spp
00100012	DEACETYLGEDUNIN		Khaya, Azadirachta and other West African timbers; mp 264-266
00201538	DECAHYDROGAMBOGIC ACID		derivative
00201138	DEGUELIN(-)	antineoplastic, antiviral, insecticide	Tephrosia & Derris spp
00307043	DEHYDRO (11,12)URSOLIC ACID LACTONE		Eucalyptus spp.
00307050	DEHYDROABIETAMIDE		derivative
00210658	DEHYDROVARIABILIN		Dalbergia variabilis
01504205	DELTALINE	antiarrhythmic	Delphinium spp
01502238	DEOXYADENOSINE		synthetic
00100016	DEOXYANDIROBIN		Khaya grandifoliola
00100194	DEOXYANDIROBIN LACTONE		semisynthetic
00100566	DEOXYCHOLIC ACID		bile constituent
00100432	DEOXYGEDUNIN		Meliaceae spp
00100199	DEOXYGEDUNOL ACETATE		derivative
00100139	DEOXYKHIVORIN		Meliaceae spp
00200484	DEOXSAPPANONE B 7,3'-DIMETHYL ETHER		Caesalpinia sappan
00201342	DEOXSAPPANONE B 7,3'-DIMETHYL ETHER ACETATE		derivative Caesalpinia sappan
00201331	DEOXSAPPANONE B TRIMETHYL ETHER		Caesalpinia sappan
00201650	DERRUBONE		Derris robusta
01401406	DERRUSNIN		Derris robusta
01401419	DERRUSTONE		Derris robusta
00100650	DESACETYL (7)KHIVORINIC ACID, METHYL ESTER		semisynthetic
01505243	DESOXYPEGANINE HYDROCHLORIDE		derivative of peganine Peganum spp
01505293	DIALLYL SULFIDE	antibacterial, antifungal, antineoplastic, antihypercholesterolaemic, hepatoprotectant	Allium spp, Wasabia japonica
00100541	DICTAMNINE		Dictamnus albus and other Rutaceae
00300423	DIFUCOL HEXAMETHYL ETHER		derivative
00100325	DIGITONIN		Digitalis purpurea

01500246	DIGITOXIN	inotropic, cardiotonic	Digitalis spp
01500247	DIGOXIN	cardiac stimulant	Digitalis lanata or D. orientalis Lam., Scrophulariaceae
00100458	DIHYDRO-7-DESACETYLDEOXYGEDUNIN		semisynthetic
00307055	DIHYDROCARYOPHYLLEN-5-ONE		semisynthetic
01504082	DIHYDROCELASTROL		derivative
00380004	DIHYDROCELASTRYL DIACETATE	chaperone stimulant	derivative
00100465	DIHYDROFISSINOLIDE		derivative of fissinolide (00100031)
00201524	DIHYDROGAMBOGIC ACID		derivative
00100655	DIHYDROGEDUNIC ACID, METHYL ESTER		derivative
00100489	DIHYDROGEDUNINIC ACID, METHYL ESTER		derivative
01504104	DIHYDROJASMONIC ACID	plant growth regulator	Jasminium spp and Vicia faba
01504910	DIHYDROJASMONIC ACID, METHYL ESTER	plant growth regulator	Jasminium spp and Vicia faba
00100543	DIHYDRO-OBLIQUIN		derivative
01401037	DIHYDROROBUSTIC ACID		derivative Derris spp
00201449	DIHYDROROTENONE		derivative; mp 209-211 C
01504161	DIHYDROSAMIDIN		Amni visnaga
00100652	DIHYDROXY (3alpha,12alpha)PREGNAN-20-ONE		semisynthetic
00240928	DIMETHYL CAPERATATE		lichens: Parmelia, Mycoblastus, Nephromopsis spp
10100009	DIMETHYL GAMBOGATE		derivative of gambogic acid
00210567	DIMETHYLCAFFEIC ACID		Piper methysticum, Veronica virginica
00100318	DIOGENIN	antiinflammatory, estrogen; LD50(rat) 4872 mg/kg ip. LD50 (mouse) >8000 mg/kg po	Clintonia, Dioscorea and Solanum spp, Trillium erectum, Balanites aegyptiaca, Aletris farinosa
01504068	DIOSMETIN		Valeriana, Digitalis spp
01503219	DIOSMIN	vascular protectant	Zanthoxylum avicennae
00211126	DIPHENYLUREA		coconut milk
00310008	DJENKOLIC ACID		djenkol bean (Pithecolobium lobatum)
00201177	DUARTIN (-)		Dalbergia variabilis
00201364	DUARTIN, DIMETHYL ETHER		derivative of DUARTIN (00201177)
01501128	E-CAPSAICIN	analgesic (topical), depletes Substance P, neurotoxic	Capsicum spp
01502245	ELLAGIC ACID	hemostatic, antineoplastic, antimutagenic	widely distributed in higher plants
01504074	EMBELIN	anthelmintic, oral contraceptive	Embelia spp.
01500272	EMETINE	inhibits RNA, DNA and protein synthesis	Uragoga ipecacuanha
00100605	EMICYMARIN		Strophanthus emini and other spp
01504060	EMODIC ACID	cathartic, purgative	Penicillium cyclopium, Calopaca ferruginea
01500990	ENOXOLONE	antitussive, antiinflammatory, antibacterial	derivative
00100517	ENTANDROPHRAGMIN		Entangrophragma spp.
00300058	EPI(13)TORULOSOL		Cryptomeria japonica and Larix sibirica
00202178	EPIAFZELECHIN (2R,3R)(-)		Larix sibirica, Actinidia chinensis, Juniperus communis, Cassia javanica
00310009	EPIANDROSTERONE		in normal human urine
00210206	EPICATECHIN	antioxidant	tea and cocoa constituent
00210238	EPICATECHIN MONOGALLATE		tea pigment
01504256	EPICATECHIN PENTAACETATE		derivative
01504056	EPICOPROSTEROL		mammalian excretions
00205113	EPIGALLOCATECHIN		green tea
00210239	EPIGALLOCATECHIN-3-MONOGALLATE		tea pigment
00211031	EPOXY (4,5alpha)-4,5-DIHYDROSANTONIN		semisynthetic
00100173	EPOXYGEDUNIN		Meliaceae spp
01800109	ERGOSTA-7,22-DIEN-3-ONE		Fomes & Corioli spp.
00200743	ERGOSTEROL		yeast
00200744	ERGOSTEROL ACETATE		derivative; mp 179-181 C
01501193	ERYSOLIN		cabbage
01500899	ESCULETIN	antifungal	Aesculus and Solanaceae spp
01500753	ESERINE	anticholinesterase, miotic, antiglaucoma, cognition activator	callabar bean, Physostigma venenosum
00211009	ETHYL EVERNINATE		lichen acids
01500903	ETOPOSIDE	antineoplastic	semisynthetic
00200447	EUGENITOL		Eugenia caryophyllata
01500296	EUGENOL	analgesic (topical), antiseptic, antifungal	common in plant essential oils
00300157	EUGENYL BENZOATE		derivative
00300007	EUPARIN		Eupatorium maculatum
00300061	EUPATORIOCHROMENE	antifungal	Eupatorium rugosum
00100583	EUPHOL ACETATE		Euphorbia spp

01504020	EVOXINE		Evodia xanthoxyloides
01504164	FELAMIDIN		Ferulago meoides
01501017	FERULIC ACID	antineoplastic, choloretic, food preservative	widely distributed in plants
01502247	FISETIN		Rhus and Acacia spp.
00100031	FISSINOLIDE		Cedrela fissilis, Khaya grandifoliola
01502020	FOLIC ACID	hematopoietic vitamin	liver, kidney, green plants and fungi
00102007	FORMONONETIN	phytoestrogen	soyabean and clover species
00100572	FRAXIDIN METHYL ETHER		derivative
00100551	FRIEDELIN		Ceratopetalum apetalum D. Don, Cunoniaceae
01504053	FUCOSTANOL		Calendula officinalis
01500311	FUSIDIC ACID	antibacterial	Fusidium spp
01501202	GALANTHAMINE HYDROBROMIDE	anticholinesterase, analgesic, antiAlzheimer	Galanthus, Narcissus and other Lillaceae
00210369	GALLIC ACID	antineoplastic, astringent, antibacterial	insect galls
00200007	GAMBOGIC ACID	antiinflammatory, cytotoxic, inhibits HeLa cells in vitro; LD50(rat) 88 mg/kg ip	Garcinia morella, G hanburyii
00200035	GANGALEOIDIN		Lecanora gangaleoides
00300222	GANGLEOIDIN ACETATE		derivative of gangleodin (00200045)
00201539	GARCINOLIC ACID		Garcinia spp.; also hydrolysis product of gambogic acid
00100032	GEDUNIN	antifeedant	numerous Meliaceae species
00300558	GEDUNOL		Meliaceae spp
00300021	GIBBERELIC ACID		Gibberella fujikuroi
00200436	GINKGETIN, K salt		Ginkgo biloba leaves
01505247	GINKGOLIC ACID	cytotoxic, apoptosis inducer, antitubercular	Ginkgo biloba
01500984	GINKGOLIDE A	antibacterial	Ginkgo biloba
00100584	GITOXIGENIN DIACETATE		aglycon of GITOXIN
01500986	GITOXIN		Digitalis spp.
01503989	GLUCITOL-4-GUCOPYANOSIDE		derivative cotton
00310298	GLUCOSAMINIC ACID		oxidation product of glucosamine (01500316)
01500987	GLUTAMINE		widely distributed in plants
01502248	GLUTATHIONE	antioxidant	plant and animal tissue
01500991	GLYCYRRHIZIC ACID	11beta-hydroxysteroid dehydrogenase inhibitor, antiinflammatory, expectorant,	Glycyrrhiza glabra
00200243	GRISEOFULVIC ACID		semisynthetic
00200046	GRISEOFULVIN	antifungal, inhibits mitosis in metaphase	Penicillium griseofulvum
01502249	GUAIAZULENE	antioxidant, inhibits lipid peroxidation inhibitor, antiinflammatory, hepatoprotectant; LD50(rat)	synthetic
01502126	GUVAICINE HYDROCHLORIDE	muscarinic agonist, GABA uptake inhibitor	Areca catechu
01400131	HAEMATOMMIC ACID		Alectoria spp, Haematomma spp and Lethariella spp
00205071	HAEMATOMMIC ACID, ETHYL ESTER		various lichens, e.g. Evernia spp, Parmelia spp
00700024	HAEMATOPORPHYRIN DIHYDROCHLORIDE	antidepressant, antineoplastic	Chlorella vulgaris; derived blood
00200010	HAEMATOXYLIN		constituent of Haematoxylon campechianum
00240944	HAEMATOXYLIN PENTAACETATE		derivative
01500864	HARMALINE	CNS stimulant, antiparkinsonian agent	Peganium harmala
01500865	HARMALOL HYDROCHLORIDE	anthelmintic, narcotic agent	Peganium harmala
01500866	HARMANE	intercalating agent, sedative	Arariba rubra.
01500867	HARMINE	antiparkinsonian, CNS stimulant	Peganium harmala
01502237	HARMOL HYDROCHLORIDE	MAO inhibitor	common plant alkaloid
01500760	HECOGENIN	antiinflammatory	Agave and Yucca spp
00100310	HECOGENIN ACETATE		Hechtia texensis, Agave & Yucca spp
01504016	hederagenin		Clematis, Hedera spp
00310010	HELENINE	anthelmintic, antibacterial, antineoplastic	Inula spp
01502253	HEMATEIN		logwood, Haematoxylon spp.
00210874	HERNIARIN		Herniaria spp.
00310012	HESPERETIN		aglycone of hesperidin (00310011)
00310011	HESPERIDIN	capillary protectant	Citrus spp.
01504115	HIERACIN		Ginkgo biloba, Hieracium pilosella and Isoetes spp
01500331	HISTAMINE DIHYDROCHLORIDE	H receptor agonist, induces edema in mammalian tissues; gastric secretion stimulant	Claviceps purpurea, many plants and animals
00100743	HOMOPTEROCARPIN		mp 82-84 C; Pterocarpus santalinus
00100088	HUMILIN A		Swietenia humilis seeds; also as compound A
01501210	HUMULENE (alpha)		constituent of many essential oil e.g. hops and clove
01505255	HUPERZINE A	anticholinesterase, cognition enhancer	Lycopodium spp
01501014	HYDROCOTARNINE HYDROBROMIDE		Papaver somniferum
00100117	HYDROLYSIS PRODUCT OF BUSSEIN		structure tentative

01500657	HYDROQUINIDINE	antiarrhythmic, antimalarial	Cinchona bark
00300540	HYMECROMONE METHYL ETHER		Dalbergiavolubilis and Eupatorium pauciflorum
01500346	HYOSCYAMINE	anticholinergic, analgesic	Atropa, Datura and Hyoscyamus spp
00310023	HYPOXANTHINE		widely distributed in the plant and animal kingdom
01505257	ICARIIN	hepatoprotective	Epimedium spp
00102018	ICHTHYNONE	piscicide	Piscidia erythrina and Millettia rubiginosa
00102076	IMPERATORIN	anticonvulsant, antiinflammatory	Angelica & other Umbelliferaceae.
01505320	INDOLE-3-CARBINOL	antineoplastic	Brassica spp
00200759	IRETOL		semisynthetic
00200793	IRIDIN		Iris spp.
00200873	IRIGENIN TRIMETHYL ETHER		derivative
00200763	IRIGENIN, 7-BENZYL ETHER		derivative of irigenin from Iris spp.
00201182	IRIGENOL		Iris spp
00211012	IRIGINOL HEXAACEATATE		semisynthetic
00300032	ISOBERGAPTENE		'Heracleum' and other Umbelliferaceae; mp 223-224 C
00200449	ISOEUGENITOL		Eugenia caryophyllata
00100195	ISOGEDUNIN		Guarea Thompsonii; mp 215-218
00200433	ISOGINKGETIN	bradykinin antagonist	Ginkgo biloba leaves
00300117	ISOKOBUSONE		Cyperus rotundus, Sindora sumatrana
01504200	ISOLIQUIRITIGENIN	aldose reductase inhibitor, antineoplastic, antiinflammatory	widespread in Fabaceae
01400156	ISOPEONOL		Paeonia spp
00300012	ISOPIMPINELLIN		'Hercaleum maximum'; ms 150-153 C dimorphic (142-145 C)
00200015	ISOROTENONE		semisynthetic
00201341	ISOTECTORIGENIN TRIMETHYL ETHER		parent Dalbergia spp, Millettia auriculata
00200139	ISOTECTORIGENIN, 7-METHYL ETHER		Dalbergia spp
00203008	JUAREZIC ACID		propolis and Populus spp
00300038	JUGLONE	antineoplastic, antifungal	leaves and nuts of Juglans spp., Carya spp and Pterocarya spp.
01501208	KARANJIN		Derris and Tephrosia spp.
00100049	KHAYANTHONE		Khaya species; mp 207-209
00100050	KHAYASIN		Khaya species
00100103	KHAYASIN C		ester analog of Khayasin (00100050)
00210866	KHELLIN	vasodilator	Amni visnaga Lam., Umbelliferae
00100162	KHIVORIN		Khaya and other West African timbers
01500764	KINETIN	auxin, plant growth regulator, plant cell division promotor	yeast
01501207	KINETIN RIBOSIDE		semisynthetic
00300048	KOBUSONE		Cyperus rotundus, Sindora sumatrana
00200422	KOPARIN		Castanospermum australe
00240862	KUHLMANNIN		Manchaerium spp
01500877	KYNURAMINE		urine of various animals
01500879	KYNURENINE		mamalian urine
01504024	LAGOCHILIN		Lagochilus inebrians
00201696	LANOSTEROL ACETATE		derivative of lanosterol
01501204	LAPACHOL	antineoplastic, antifungal	heartwood of Bignoniaceae
00310025	LARIXINIC ACID		Larix decidua
00300056	LARIXOL		Larix sibirica
00300057	LARIXOL ACETATE		Larix europaea
01500843	LATHOSTEROL		Austeria rubens
01502250	LAWSONE		Lawsonia spp.
00200070	LECANORIC ACID		Common constituent of lichens
00200033	LEOIDIN		lichen metabolite
01500874	LEUCOPTERIN		wing pigment of many butterflies, e.g., Pieris brassicae and Gonopteryxhamni
02300205	LEVODOPA	antiparkinsonian	Vicia faba seedlings, Sarothamnus spp, & other plants
01800018	LIMONIN		Citrus, Evodia, Dictamnus and Luvunga spp
01501212	LINALOOL (+)		Mentha arvensis and related essential oils
01504124	LINAMARIN		Linum usitatissimum, Manihot utilissimus
01600561	LIQUIRITIGENIN DIMETHYL ETHER		Holocarpa obconica
01500906	LITHOCHOLIC ACID	LD50(mouse) 3900 mg/kg po	mammalian bile and gallstones, faecal matter
00300018	LOBARIC ACID		lichens of the genus Stereocaulon and others
01500758	LOBELINE HYDROCHLORIDE	antiasthmatic, respiratory stimulant	Lobelia spp
01504071	LOGANIC ACID		Swertia carolinensis, Dipsacus asperoides

01504066	LOGANIN		cooccurs with loganic acid, also Strychnos spp
01504158	LOMATIN		Lomatium nuttallii, Nardostachys jatamansi
00300228	LONCHOCARPIC ACID		Lonchocarpus and Derris spp.
00100520	LUNARINE		Lunaria spp
01505242	LUPANINE PERCHLORATE		Lupinus and Cystisus spp
01505240	LUPANYL ACID HYDROCHLORIDE		Anabasis aphylla
01504021	LUPININE	antifeedant, antiinflammatory, oxytoxic	Anabasis aphylla
00500071	LYCOPODINE PERCHLORATE		widespread in Lycopodium spp
00100279	LYCORINE		Amaryllidaceae spp
01505250	MADECASSIC ACID	wound healing	Centella asiatica
00212093	MAGNOCURARINE IODIDE	ganglionic blocker, antihypertensive	Magnolia spp and Michelia fuscata
00201466	MANDELIC ACID, METHYL ESTER		free acid found in Poria spp.
01504162	MARMESIN		Aegle marmelos, Amni majus
01504163	MARMESIN ACETATE		Amyris elemifera
01500690	MELATONIN	sleep induction, modifies circadian rhythm	pineal gland
00300531	MELEZITOSE		honey & plant exudates
01503134	MENTHOL(-)	analgesic (topical), antipruritic agent	Mentha piperita and other Mentha spp
00300564	MENTHONE		pennyroyal and peppermint oils
01800005	MENTHYL BENZOATE		derivative
00100455	MEROGEDUNIN		derivative
00300062	METAMECONINE		Accacia crombei
00210924	METHYL EVERNICNIC ACID		lichens and lichen acids
01401401	METHYL ROBUSTONE		Derris spp
00210072	METHYLORSELLINIC ACID, ETHYL ESTER		Aspergillus silvaticus
00100060	MEXICANOLIDE		constituent of Meliacean timbers
01500869	MIMOSINE	depilatory agent	Mimosa and Leucena spp
01502252	MONOCROTALINE	antineoplastic, insect sterilant	Crotalaria spp
01502259	MORIN	P450 and ATPase inhibitor	Chlorophora tinctoria
01501211	MUCIC ACID		brown algae, various fruits and fungi
00201477	MUNDOSERONE		Mundulea suberosa; mp 156-161 C
00200011	MUNDULONE		Mundulea sericea
01700330	MUNDULONE ACETATE		derivative
00307056	MUUROLLADIE-3-ONE		derivative of muurolene
01500674	MYCOPHENOLIC ACID	antineoplastic	Penicillium brevicompactum and other Penicillium spp
01500746	NARINGENIN	antulcer, gibberellin antagonist	widely distributed in plants
01500765	NARINGIN	anthaemorrhagic, antiinflammatory	Citrus spp
01502251	NEROLIDOL		common in essential oils of flowers
01500430	NIACIN	antihyperlipidemic, vitamin (enzyme cofactor)	widespread in the plant and fungal kingdom
02300259	NICOTINE DITARTRATE	nicotinic acetylcholine receptor agonist, ectoparasiticide	Nicotiana tabacum
00100090	NILOTICIN		Turraea nilotica
01600964	N-METHYLANTHRANILIC ACID		grapefruit peel oil
01400242	N-METHYLBENZYLAMINE HYDROCHLORIDE		Ephedra sp.
01400136	N-METHYLISOLEUCINE		Phaseolus vulgaris
01505268	NOBILETIN		Citrus spp
01502262	NOPALINE		metabolite of plant tumors
01500871	NORHARMAN	plant growth inhibitor; mutagen	Chrysophyllum and Nocardia spp
01500443	NOSCAPINE HYDROCHLORIDE	antitussive	Corydalis cava and Papaver spp
00100540	OBLIQUIN		constituent of sneezewood or umtati, Ptaeroxylon Obliquum
00200090	OBTUSAQUINONE		Dalbergia retusa
01500639	OCTOPAMINE HYDROCHLORIDE	adrenergic agonist	salivary glands of Octopus vulgaris; also Capsicum frutescens & Cyperus spp
00100093	ODORATONE		Cedrela species
00100550	OLEANOIC ACID		leaves of Olea europea and Viscum album L.
00102058	OLEANOLIC ACID ACETATE		birch bark
00212097	ONONETIN		Trifolium subterraneum
00300001	ORSELLINIC ACID		common lichen constituent
00200002	ORSELLINIC ACID, ETHYL ESTER		Roccella and Lecanora lichens
00201595	OSAJIN		Maclura pomifera
01504165	OSTHOL		Imperatoria ostruthium & other Umbelliferae
01500676	OUABAIN	antiarrhythmic, cardiotonic, hypertensive, Na/K ATPase inhibitor	Acokanthera and Strophanthus spp
00100563	OXONITINE		derivative of aconitine

00201602	PACHYRRHIZIN	insecticide	Pachyrrhizus erosus; mp 206-207 C
01503908	PACLITAXEL	antineoplastic	Taxus brevifolia
01601021	PAEONOL	antibacterial	Paeonia montan, Xanthorrhoea spp
01505252	PALMATINE	uterine contractant, antibacterial, antiarrhythmic, inotropic, adrenocorticotrophic,	Jateorhesa palmata, Berberis spp
01500872	PALMATINE CHLORIDE	antibacterial, uterine contractant	Calumba root (Jateorhiza palmata)
01500459	PAPAVERINE HYDROCHLORIDE	muscle relaxant (smooth), cerebral vasodilator	Papaver somniferum, Rauwolfia serpentina
01503640	PARTHENOLIDE	5HT antagonist, antineoplastic, smooth muscle relaxant	Chrysanthemum parthenium, Michelia champaca
01503904	PATULIN	antibacterial	Aspergillus clavatus, Penicillium patulum
00200115	PECTOLINARIN		Linaria vulgaris flowers
00300553	PELLETIERINE HYDROCHLORIDE		Punica granatum
01800177	PENICILLIC ACID		Penicillium spp
01505810	PEONIFLORIN	antiinflammatory, antispasmodic, antihypertensive, antidiuretic	Peonia spp
00231050	PEONOL METHYL ETHER		synthetic
01502101	PERILLIC ACID (-)	inhibits posttranslational cys isoprenylation, blocks G-protein	Salvia dorisiana
01505297	PERILLYL ALCOHOL	antineoplastic, apoptosis inducer; skin irritant, LD50(rat) 2100 mg/kg po	Ocimum gratissimum
00240437	PERSITOL HEPTAACETATE		derivative of perseitol
01504168	PEUCEDANIN		Peucedanum spp
00100528	PEUCENIN		Peucedanum ostruthium, Ptaeroxylon obliquum
00501332	PHENACYLAMINE HYDROCHLORIDE		Castanopsis cuspidata, Vitis spp
00300604	PHLORACETOPHENONE		Prunus domestica
00300554	PHLORETIN		Prunus spp
00300547	PHLORIDZIN	induces experimental glucosuria, antifeedant	Rosaceae spp:
01504070	PHYSICION	antibacterial, cathartic	Xanthoria lichens, Rumex spp and various Aspergillus spp.
01500486	PHYSOSTIGMINE SALICYLATE	cholinergic, anticholinesterase, miotic	Physostigma venenosum
00310021	PHYTOL		nettles
01504410	PICROPODOPHYLLOTOXIN	antineoplastic; 10% cytotoxicity of podophyllotoxin	Podophyllum peltatum; epimer of podophyllotoxin; 10% mitotoxicity
01504411	PICROPODOPHYLLOTOXIN ACETATE		derivative
00100346	PICROTIN	GABA _A receptor antagonist	nontoxin component of PICROTOXIN
01501107	PICROTOXININ	convulsant, GABA receptor antagonist, ichthyotoxin	Anamirta cocculus, Menispermum cocculus
01500487	PILOCARPINE NITRATE	antiglaucoma agent, miotic	Pilocarpus spp
00300013	PIMPINELLIN	GABA receptor antagonist, phototoxin	Heracleum maximum root; mp 118-119 C
01504154	PINOCEMBRIN	antiinflammatory	Pinus, Prunus, Eucalyptus spp
00201066	PINOSYLVIN		Pinus sylvestris
00201067	PINOSYLVIN METHYL ETHER		Pinus spp
01500873	PIPERINE	analeptic, antibacterial	black pepper (Piper nigrum L.)
00500580	PIPERONYLIC ACID		Piper longum, Cinnamum spp
00200427	PISCIDIC ACID		Piscidia piscipula
02300332	PODOFILOX	antineoplastic, inhibits microtubule assembly, and human DNA topoisomerase II; antimiotic	Podophylotoxin Podophyllum peltatum
01504412	PODOPHYLLOTOXIN ACETATE		derivative
00100286	PODOTOTARIN		Podocarpus spp
00201580	POMIFERIN	antioxidant	Maclura pomifera
00100101	PRENYLETIN		Ptaeroxylon obliquum
00100069	PRIEURANIN ACETATE		Meliaceae spp
00100068	PRIEURIANIN		Meliaceae spp
01504181	PRISTIMERIN	antineoplastic, antiinflammatory	Celastrus and Maytenus spp
01504207	PRISTIMEROL		derivative of pristimerin
01501111	PROTOPORPHYRIN IX	hepatoprotectant	constituent of mamalian feces, avian pigment
01500909	PROTOVERATRINE A	antihypertensive, emetic; LD50 (rat) 5 mg/kg po	Veratrum album, V viride, V nigrum
01500938	PROTOVERATRINE B	antihypertensive, emetic; LD50(mouse) 0.21 mg/kg sc	Veratrum album, V viride
00240914	PSEUDO-ANISATIN	GABA antagonist	constituent of seeds of Illicium anisatum; isomer of Anisatin
00100513	PTAEROXYLIN		Ptaeroxylon obliquum, Cedrelopsis grevei
01504160	PTERYXIN		Pteryxia spp, Amni ursina
00400011	PUNCTAPORONIN B		Poronia punctata
01505300	PURPURIN	xanthin oxidase inhibitor, irritant	Rubia and Gallium spp
00210505	PURPUROGALLIN	xanthine oxidase inhibitor, antioxidant	gall of Dryophanta divisa
01503952	PUTRESCINE DIHYDROCHLORIDE	ornithine decarboxylase inhibitor, cell growth factor	catabolism of ornithine
00212061	PYROCATECHUIC ACID	antioxidant	Erythraea centaurium, Gentiana lutea
00310028	QUASSIN	insecticide, antiamebic	Quassia amara, Picrasma excelsa and Ailanthus glandulosa
01502261	QUEBRACHITOL		common in dicotyledons
01600075	QUERCETIN PENTAMETHYL ETHER		derivative

00300538	QUERCETIN TETRAMETHYL (5,7,3',4') ETHER		<i>Sterculia foetida</i>
01500752	QUERCITRIN	antihemorrhagic	widespread in plants
00210837	QUINAMIDE ISOPROPYLIDENE		derivative
00310018	QUINIC ACID		<i>Cinchona</i> spp
01500523	QUINIDINE GLUCONATE	antiarrhythmic, antimalarial	<i>Cinchona</i> spp
01503639	RAUWOLSCINE HYDROCHLORIDE	alpha2 adrenergic antagonist	<i>Rauwolfia</i> , <i>Aspidosperma</i> and <i>Vinca</i> spp
01502223	RESVERATROL	antifungal, antibacterial	<i>Veratrum grandiflorum</i> , <i>Pinus sibirica</i> , <i>Vitis vinifera</i> , <i>Arachis hypogaea</i>
01504044	RESVERATROL 4'-METHYL ETHER		derivative
01501203	RETINOL	vitamin A	fish & liver oils, eggs, milk
00240645	RETUSIN 7-METHYL ETHER		derivative <i>Dalbergia</i> spp
00310031	RHAMNETIN		<i>Rhamnus cathartica</i>
00310030	RHODINYL ACETATE		common constituent of plant essential oils
01504119	RHODOMYRTOXIN B		<i>Rhodomyrtus macrocarpa</i>
01504075	RHOIFOLIN		<i>Chorisia</i> , <i>Citrus</i> and <i>Rhus</i> spp
01505347	RIBOFLAVIN	Vitamin B2; Vitamin cofactor; LD50(rat) 560 mg/kg ip	retina, whey and urine
00240660	ROBUSTIC ACID METHYL ETHER		<i>Derris</i> spp; mp 194--196 C
00210454	ROBUSTONE		<i>Derris robusta</i> , <i>Millettia thonningii</i>
00200428	ROCCCELLIC ACID		<i>Lecanora</i> and <i>Roccella</i> spp
00200013	ROTENONE	acaricide, ectoparasiticide, antineoplastic, mitochondrial poison	<i>Derris</i> spp
00200851	ROTENONIC ACID		derivative of rotenone (00200013)
00240590	ROTENONIC ACID, METHYL ETHER		derivative
00201606	RUTILANTINONE	coccidiostat	<i>Streptomyces</i> species
00300607	RUTOSIDE (rutin)	vascular protectant	<i>Ruta graveolens</i> , widespread in plants
00100577	SAFROLGLYCOL		sassafras root
01502255	SALICIN	analgesic, antipyretic	<i>Salix</i> spp
01504022	SALSOLIDINE		<i>Salsola Richteri</i>
01504025	SALSOLINE	antihypertensive, antihistamine	<i>Salsola richteri</i>
00310035	SANGUINARINE SULFATE	antineoplastic, antiplaque agent	<i>Sanguinaria canadensis</i>
00300542	SANTONIN		<i>Artemisia</i> spp.
01504017	SAPINDOSIDE A		<i>Anemone coronaria</i> , <i>Hedera</i> spp
00200481	SAPPANONE A 7-METHYL ETHER		derivative <i>Caesalpinia sappan</i>
00201136	SAPPANONE A DIMETHYL ETHER		<i>Caesalpinia sappan</i>
01600365	SAPPANONE A TRIMETHYL ETHER		derivative <i>Caesalpinia sappan</i>
00100682	SARMENTOGENIN		mp 270; aglucone of sarmentocymarin <i>Strophanthus sarmentosus</i>
00100568	SARMENTOSIDE B		<i>Strophanthus sarmentosus</i> ; mp 193-195
00300348	SCANDENIN		<i>Derris scandens</i>
01500534	SCOPOLAMINE HYDROBROMIDE	anticholinergic, treatment of motion sickness	<i>Scopolia</i> , <i>Datura</i> , <i>Atropa</i> spp
00310038	SCOPOLINE		derivative of scopolamine
01504159	SELINIDIN		<i>Selinum vaginatum</i>
00300052	SENECRASSIDIOL 6-ACETATE		derivative <i>Senecio crassissimus</i>
01504078	SENNOSIDE A	cathartic	<i>Cassia</i> & <i>Rheum</i> spp
00201581	SERICETIN		<i>Mundulea sericea</i>
00201584	SERICETIN DIACETATE		derivative of sericetin <i>Mundulea</i> spp.
01502256	SHIKIMIC ACID		common constituent in plants
01505256	SILIBININ	hepatoprotective agent, antioxidant	<i>Silybum marianum</i>
00290032	SINAPIC ACID METHYL ETHER		common plant constituent
01500860	S-ISOCORYDINE (+)	sedative, cholinergic	<i>Dicentra canadensis</i> , <i>Artabotrys suaveoleus</i> and <i>Cordylis</i> species
00107013	SMILAGENIN		<i>Smilax</i> spp.
00100298	SMILAGENIN ACETATE		<i>Smilax ornata</i> , <i>Agave</i> & <i>Yucca</i> spp
01505325	SOLANESOL		<i>Nicotiana tabacum</i> ; <i>Betulaprenol</i> 9: mp 42 C
01505326	SOLANESYL ACETATE		<i>Nicotiana tabacum</i> ; <i>Murraya exotica</i> ; <i>Pinus</i> spp
00100537	SOLASODINE	antineoplastic, antiinflammatory	numerous <i>Solanum</i> spp
00300003	SOLIDAGENONE		<i>Solidago canadensis</i> L.; mp 133-134 C
01503630	SPAGLUMIC ACID	neurotransmitter; mGluR3 receptors	brain tissue
00300548	SPARTEINE SULFATE	oxytotic	<i>Lupinus</i> spp and other Leguminosae
01503940	SPERMIDINE TRIHYDROCHLORIDE	ornithine decarboxylase inhibitor	animal tissue and <i>Coprinus comatus</i>
00300005	SPHONDIN		<i>Heracleum maximum</i> root; mp 191-192 C
00300006	STICTIC ACID		numerous lichens, e.g. <i>Parmelia</i> sp.
00270067	STIGMASTA-4,22-DIEN-3-ONE		plant constituent
01504051	STIGMASTEROL		soya and calabar beans; widely distributed in plant oils

00100291	STROPHANTHIDIN	cardiotonic	Strophanthus kombe
00100749	STROPHANTHIDINIC ACID LACTONE ACETATE		semisynthetic
01500651	STRYCHNINE	central stimulant	Strychnos nux-vomica and other Strychnos spp
00100076	SWIETENINE		Khaya and other West African timbers
00100094	SWIETENOLIDE-3-ACETATE		Swietenia mahogoni seeds
01505269	TANGERITIN		Citrus spp, Fortunella japonica
01504105	TANNIC ACID	nonspecific enzyme/receptor blocker	principal constituent of tree galls, esp Quercus spp;
01701047	TETRAHYDROCORTISONE		exmicrobial degradation of cortisone
01701048	TETRAHYDROCORTISONE-21-ACETATE		derivative microbial degradation of cortisone
01701049	TETRAHYDROCORTISONE-3,21-DIACETATE		derivative microbial degradation of cortisone
01504178	TETRAHYDROPALMATINE	analgesic, hypnotic, papaverine-like	Corydalis spp
01600480	TETRAHYDROSAPPANONE A TRIMETHYL ETHER		derivative Caesalpinia sappan
01504185	TETRANDRINE	analgesic, antineoplastic, antihypertensive, lymphotoxin	Triclisia and Cyclea spp
00200111	THEAFLAVIN		pigment in black tea
00201515	THEAFLAVIN DIGALLATE		pigment in black tea
00210242	THEAFLAVIN MONOGALLATES		mixed isomers black tea (3' shown)
01505254	THEANINE		Thea sinensis
01500649	THEOBROMINE	diuretic, bronchodilator, cardiotonic	Camelia, Theobroma, Cola spp
01500568	THEOPHYLLINE	bronchodilator	Camelia, thea, Paullinia cupana
01504023	THERMOPSIS PERCHLORATE		Anabasis aphylla, Thermopsis spp
01500774	THYROXINE	antihypercholesterimic, thyromimetic	thyroid gland
00100315	TIGOGENIN		Agavaceae, Dioscoreaceae, Solanaceae, Scrophulariaceae, Liliaceae genera
00100301	TOMATIDINE HYDROCHLORIDE		Lycopersicon and Solanum spp.
01504079	TOMATINE	antifungal, antibacterial, antiinflammatory agent	Solanum spp.
00100271	TOTALALOLAL		Podocarpus spp
00100287	TOTALROL		Podocarpus spp, Dacrydium cupressinum, Tetraclinis articulata and Thujopsis dolabrata
00100267	TOTALROL ACETATE		Podocarpus totara
00100612	TOTALROL-19-CARBOXYLIC ACID, METHYL ESTER		Podocarpus spp
01504041	TRIACETYLRISVERATROL		Kirkpatrickia variolosa (sponge)
00100576	TRIDESACETOXYKHIVORIN		Khaya spp
01500880	TRIGONELLINE	antihyperglycemic	Trigonella foenumgraecum and in coffee beans
01500596	TRIOXSALEN	melanizing agent, antipsoriatic	synthetic
01504005	TRIPTOPHENOLIDE		Tripterygium wilfordii
01503922	TRYPTAMINE	psychotropic	Acacia spp, Lens esculenta, Prosopis juliflora and fungi Ponaolus foenicicii and Coprinus
01500600	TRYPTOPHAN	antidepressant, nutrient; LD50(rat) 1634 mg/kg ip	many plants, animal protein
01600587	TUBAIC ACID		Derris elliptica; also degradation product of rotenone.
01500602	TUBOCURARINE CHLORIDE	muscle relaxant (skeletal)	Chondrodendron spp
01504013	UBIDECARENEONE	cardiovascular agent	widespread in aerobic organisms (solubility limits concentration to ~5mM); COENZYME Q10
00231084	UMBELLIFERONE	antifungal, phytoalexin	Angelica, Artemisia, Coronilla, Ferula and Ruta spp
01503346	URIDINE TRIPHOSPHATE TRISODIUM	psychostimulant	yeast
01504167	URSINOIC ACID		Angelica ursina
01500835	URSOCHOLANIC ACID		Abrus pectoratus
01500605	URSODIOL	anticholelithogenic; LD50(rat) 890 mg/kg ip	bear bile
01800031	URSOLIC ACID	diuretic, antineoplastic, antiulcer	Rhododendron spp, Epigaea asiatica, surface wax of fruits
00300147	USNIC ACID	antibacterial	Usnea, Cladonia and other lichen spp
00100081	UTILIN		Entandrophragma utile
01504073	UVAOL	antineoplastic	Arctostaphylos spp, Leucothoe keiskei, Crataegus cuneata, Osmanthus fragrans, Ilex latifolia
00212140	VERATRIC ACID		Verbascum thapsus, Sabadilla officinalis, Stephania abyssinica
01503662	VERATRIDINE	antihypertensive	Veratrum alba
01500647	VINCAMINE	vasodilator	Vinca minor
00201078	VIOLASTYRENE		Dalbergia miscolobium
00310041	VISNAGIN		Ammi visnaga
00300146	VULPINIC ACID	antiinflammatory, antibacterial, plant growth inhibitor	numerous lichens, e.g. Letharia vulpina
00200523	XANTHONE		gentian and other flowers
00300537	XANTHOPTERIN	cell proliferation inhibitor	human urine, butterfly wing pigment
00200441	XANTHOXYLIN		Xanthoxylum spp, Artemisia brevifolia
01500754	XANTHURENIC ACID	caspase activator, guanylyl cyclase stimulant	pathological metabolite of tryptophan and kynurenine
00100609	XANTHYLETIN		Brosimum rubescens, Ruta, Boenninghausenia, Flindersia, Zanthoxylum, and Luvunga spp.
00100424	XYLOCARPUS A		Meliaceae spp
01500663	YOHIMBINE HYDROCHLORIDE	alpha adrenergic blocker, mydriatic, antidepressant	Corynanthe spp

01505290	ZEARALENONE	estrogen	Fusarium spp and Gibberella zeae
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